**Middle School Career Focused**

**Out of School Time Examples from the Field**

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| **Organization** | **Description** | **Website** |
| **After-School**  **All-Stars**  **(ASAS)**  **(Multiple Locations)** | After-School All-Stars provides comprehensive afterschool programs to children and youth across 13 states and 53 cities serving over 70,000 students with the vision that each All-Star will be safe and healthy, graduate high school, go to college, find careers they love then give back to their communities. 62% of All-Stars are in middle school grades and 82% qualify for free and reduced lunch. | **afterschoolallstars.org** |
| **Digital Harbor Foundation (DHF)**  **(MD)** | DHF opened in 2013 is a youth centered makerspace dedicated to fostering learning, creativity, productivity and community through education. Programming includes a progression of courses across age groups including a Mini-Makers program for 3rd-5th graders, a 14 week tech exploration program for middle-schoolers, and advanced courses for older youth, some which lead to college credits or paid opportunities. The Foundation also offers educator trainings. All programs are “pay what you can,” supported with a combination of public funds, local business contributions, foundations, and other donations | **digitalharbor.org** |
| **Schools and Homes in Education (SHINE)**  **(PA)** | SHINE, supported in part by 21st Century Community Learning Center dollars, offers a 36 week hands-on High Priority Occupation Career Academy for middle school students with a focus on STEM. Projects include: Building a Real Hovercraft; Environmental Science; Green Energy/Alternative Fuels; Molecular Gastronomy (Food & the role of biotechnology on food); Designing/ Building Cars of the Future; 3D Additive Printing a Human Heart; Designing and Engineering a DUI Taskforce Trailer; You Can be the Chemist; Put the A in STEAM – students get involved in “The Arts”; Engineering and assembling a Slingshot Racecar | **shineafterschool.com/**  **shinewordpress/about-shine/about-shine-4/** |
| **YMCA of Silicon Valley (CA)**  **(YMCAs -Multiple Locations)** | The YMCA of Silicon Valley’s sixteen 21st CCLC programs serve more than 1,500 elementary and middle school students each year. The Y’s curriculum is built around teaching and promoting 21st Century skills, with a focus on the “4 Cs”: creativity, collaboration, critical thinking and communication. Programs are woven into the fabric of the school community and are aligned with local school district standards with the goal of creating an extension of services to support children’s learning outside of the classroom. All YMCA centers integrate weekly STEM programming, providing more than 100 hours per year of hands-on activities and leveraging the Y’s extensive network of community partners including the California Polytechnic Institute, Tech Museum of Innovation, and the Museum of Computer History to engage and educate students about a range of scientific topics. | **ymca.org** |
| **Beyond School Bells – Career Education Afterschool Curriculum**  **(NE)** | The Career Education After School Curriculum is an introduction to and exploration of the six career fields and is designed to be 18 lessons in length. Each of the six career fields covers three themes, intended to: Engage students in an in depth look into the career fields and pathways. Explore what career possibilities exist within each of the fields for each student. Encounter real life problems—students are asked to seek a solution for these problems as if they were already employed in the career field. Each of the six fields is broken into three lessons: Introduction, Exploration and Demonstration. A Connection component is an opportunity for students to showcase their unit projects and connect with the community—specifically individuals within the career field they have studied as well as local business, school and government leaders. | **beyondschoolbells.org/ resources/bsb-curriculum.html** |
| **Loveworks Leadership**  **(OK)** | A free afterschool program started in 2011, and having served over 10,000 youth ages 11-14 with programs that include experiential leadership projects, community outreach, personal character development, career components, and mentorship. Students have started a REAL Kitchen which sells fresh salsa in the area and augmented reality wristband company. | **loveworksleadership.org** |
| **Cryptoclub**  **(Multiple Locations)** | The CryptoClub project is based on the belief that teaching students cryptography is a great opportunity to immerse them in mathematical thinking and problem solving, while introducing them to a topic that is important in today’s world. Through a series of grants from the National Science Foundation, the team developed books and digital activities for teaching cryptography to middle school students. The project has trained over 250 educators who have led CryptoClub programs for over 3000 students in locations around the country, including schools, Boys and Girls Clubs, libraries, 4-H Clubs, YMCAs, and other informal educational sites. | **cryptoclubproject. uchicago.edu** |
| **Experience Aviation**  **(Multiple Locations)** | Captain Barrington Irving secured his place in history when 23 years old as the youngest person and first black pilot to fly solo around the globe. By 2006, he opened the Miami-based nonprofit organization Experience Aviation (EA) Learning Center to provide middle and high school students with STEM programs and career guidance.  Shortly after Barrington's historic flight, he challenged a group of students, many from failing schools to build an experimental aircraft in 10 weeks.  He then flew it on its first flight marking the beginning of Experience Aviation's Build and Soar Program. The program has now has over 3100 program graduates and has awarded over $2 million in scholarships. | **experienceaviation.org** |
| **WeThrive**  **(Multiple Locations)** | WeThrive equips and empowers low-income 7th-10th grade youth to rise as entrepreneurial economic leaders. The students we serve are bursting with ideas to break the cycle of poverty, but for too many times in their young lives, they have been told No. WeThrive reaches students in middle school while habits and identities are still forming, giving them an encouraging Yes to their dreams of entrepreneurship – along with the toolset to make them real. With encouragement and support from their entrepreneurial educators, each student creates their very own company, earning real revenues and donating profits to a charity of their choice. | **teamwethrive.org** |
| **Boys & Girls Clubs of Hutchinson (BGC Hutchinson)**  **(KS)**  **(BGC -Multiple Locations)** | BGC Hutchinson’s EPIC Skillz Program, CareerLaunch and Money Matters programs provide 7th and 8th graders opportunities to explore careers in their community. Students learn important employability skills, engage in hands-on activities highlighting career paths in Hutchinson and tour local businesses. | **bgca.org** |
| **South Carolina Afterschool (SCAA) Network Digital Badging Project**  **(SC)** | The SCAA is developing the College and Career Innovation Digital Badge (CCIDB). The CCIDB will validate students’ progress towards college and career readiness by providing digital badges that recognize the skills, knowledge, and characteristics a student is acquiring in afterschool settings, through self-guided instruction, or in the traditional classroom environment. The CCIDB will help students see how well they are navigating towards the Profile of the South Carolina Graduate, a college and career readiness aspiration set by the South Carolina State Board of Education. | **scafterschool.com/**  **digital-badges/** |
| **North Valley Extended School Project**  **(ND)** | From website: The primary goal of the North Valley Extended School Project is to stimulate development and coordination among the appropriate organizations also serving the target population in order to 1) reduce gaps in current programming; 2) give students access to real-world experiences and additional caring and committed adults; 3) to expose students to the larger community to better understand its strengths and needs; and 4) to provide experiences and community connections that could lead to future life and career opportunities. Includes middle and high school students. | **northvalleyctc.org/special-projects/north-valley-extended-school-project** |

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